

LubriOne™ AT-000/18T-2S BLK

Acetal (POM) Copolymer

PolyOne Corporation

Message:

PTFE and silicone lubricated Co-POM compounds

General Information			
UL YellowCard	E76261-102236103		
Features	Low friction coefficient		
	Copolymer		
	Good wear resistance		
	Lubrication		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	2.0 - 3.0	%	ASTM D955
Transverse flow	1.0 - 3.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	40.0	MPa	ASTM D638
Flexural Modulus ²	1740	MPa	ASTM D790
Flexural Strength ³	62.7	MPa	ASTM D790
Coefficient of Friction			ASTM D1894
With steel-dynamic	0.10		ASTM D1894
With steel-static	0.18		ASTM D1894
Taber Abrasion Resistance (1000 Cycles, 1000 g, H-18 Wheel)	120	mg	ASTM D3884
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Injection Molded)	37	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, unannealed, 6.35mm	151	°C	ASTM D648
1.8 MPa, unannealed, 6.35mm	81.1	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.5 mm	HB		UL 94
3.0 mm	HB		UL 94

NOTE

1.	50 mm/min
2.	1.3 mm/min
3.	1.3 mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

